

## WEST Search History for Application 10035027

**Creation Date: 2009061610:32**

| Query   | DB   | Op. | Plur. | Thes. | Date       |
|---|--|-----|-------|-------|------------|
| (bit\$ near6 interleav\$6) or bit\$-interleav\$6 or interleav\$6-bit\$  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES   |       | 06-08-2009 |
| (symbol\$ near1 map\$6) same ((bit\$ near6 interleav\$6) or bit\$-interleav\$6 or interleav\$6-bit\$ )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES   |       | 06-08-2009 |
| (orthogonal near1 frequency near1 division near1 multiplex\$6) or OFDM  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES   |       | 06-08-2009 |
| ((orthogonal near1 frequency near1 division near1 multiplex\$6) or OFDM ) and ((symbol\$ near1 map\$6) same (bit\$ near6 interleav\$6) or bit\$-interleav\$6 or interleav\$6-bit\$ )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES   |       | 06-08-2009 |
| ((orthogonal near1 frequency near1 division near1 multiplex\$6) or OFDM ) same ((symbol\$ near1 map\$6) same (bit\$ near6 interleav\$6) or bit\$-interleav\$6 or interleav\$6-bit\$ ) | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES   |       | 06-08-2009 |
| consecutive near4 ((bit\$ near6 interleav\$6) or bit\$-interleav\$6 or interleav\$6-bit\$ )   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,                  | ADJ | YES   |       | 06-08-2009 |

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|   | DWPI,<br>TDBD  |     |     |  |            |
| (consecutive near4 (bit\$ near6 interleav\$6) or bit\$-interleav\$6 or interleav\$6-bit\$ ) same (symbol\$ near1 map\$6)    | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-08-2009 |
| 6590532.pn.   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| (low\$6 near1 channel\$ near1 respons\$6)   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| (assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$))  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((low\$6 near1 channel\$ near1 respons\$6) ) same ((assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$)) ) | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| (orthogonal near1 frequency near1 division near1 multiplex\$6) or OFDM  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((low\$6 near1 channel\$ near1 respons\$6) ) and ((orthogonal near1 frequency near1 division near1                          | PGPB,<br>USPT,   | ADJ | YES |  | 06-16-2009 |

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| multiplex\$6) or OFDM )  | USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD                   |     |     |  |            |
| ((orthogonal near1 frequency near1 division near1 multiplex\$6) or OFDM ) and ((assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$)) )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$)) ) same (spatial near4 frequenc\$6)   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((orthogonal near1 frequency near1 division near1 multiplex\$6) or OFDM ) and ((assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$)) same (spatial near4 frequenc\$6) )   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((low\$6 near1 channel\$ near1 respons\$6) ) and ((orthogonal near1 frequency near1 division near1 multiplex\$6) or OFDM and (assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$)) same (spatial near4 frequenc\$6) ) | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| (channel\$ near1 respons\$6) near4 correlat\$6   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| encod\$6 same eL3  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,         | ADJ | YES |  | 06-16-2009 |

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|  | TDBD   |     |     |  |            |
| encod\$6 same ((assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$)))   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| encod\$6 same ((assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$)))   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((orthogonal near1 frequency near1 division near1 multiplex\$6) or OFDM ) and (encod\$6 same (assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$))) | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| (encod\$6 same (assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$))) same ((low\$6 near1 channel\$ near1 respons\$6))                              | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| encod\$6 near4 (datastream\$ or data-stream\$ or (data near1 stream\$) or stream\$)  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$))) same (encod\$6 near4 (datastream\$ or data-stream\$ or (data near1 stream\$) or stream\$))  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((orthogonal near1 frequency near1 division near1 multiplex\$6) or OFDM ) and ((assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$))) same          | PGPB,<br>USPT,<br>USOC,                                    | ADJ | YES |  | 06-16-2009 |

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| encod\$6 near4 (datastream\$ or data-stream\$ or (data near1 stream\$) or stream\$) )  | EPAB,<br>JPAB,<br>DWPI,<br>TDBD                            |     |     |  |            |
| (low\$6 near1 channel\$) near4 respons\$6  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| increas\$6 near4 (spatial near4 frequenc\$6)   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((low\$6 near1 channel\$) near4 respons\$6 ) or (increas\$6 near4 (spatial near4 frequenc\$6) )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$)) same encod\$6 near4 (datastream\$ or data-stream\$ or (data near1 stream\$) or stream\$) ) same ((low\$6 near1 channel\$) near4 respons\$6 or increas\$6 near4 (spatial near4 frequenc\$6) ) | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((orthogonal near1 frequency near1 division near1 multiplex\$6) or OFDM and (assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$)) same encod\$6 near4 (datastream\$ or data-stream\$ or (data near1 stream\$) or stream\$) ) .clm.                  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$)) same encod\$6 near4 (datastream\$ or data-stream\$ or (data near1 stream\$) or stream\$) ) .clm.   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |

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|---|--|-----|-----|--|------------|
| ((low\$6 near1 channel\$) near4 respons\$6) near4 correlat\$6   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((low\$6 near1 channel\$) near4 respons\$6)   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| ((assign\$6 or allocat\$6) near4 (symbol\$ or (datastream near1 bit\$)) same encod\$6 near4 (datastream\$ or data-stream\$ or (data near1 stream\$) or stream\$) ) and (((low\$6 near1 channel\$) near4 respons\$6) ) | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| (encod\$6 near4 (datastream\$ or data-stream\$ or (data near1 stream\$) or stream\$) ) and (((low\$6 near1 channel\$) near4 respons\$6) )   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |
| (encod\$6 near4 (datastream\$ or data-stream\$ or (data near1 stream\$) or stream\$) ) and (((low\$6 near1 channel\$) near4 respons\$6) )   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 06-16-2009 |